



Portland Harbor Ecorisk Team Call Tomorrow , May 3rd, 10 am PDT. Call in number nonresponsive

Burt Shephard to: Chip Humphrey

05/02/2012 08:21 PM

AEbbets, ANDERSON.Jim, audiehuber, bob, "Brandy Humphreys",
Cc: colin, Alanna Conley, cunninghame, dallen, Dan Phalen, DBeltman,
Elizabeth Allen, frenchrd, "GAINER Tom", genevieve.angle,

All,

Worth having a call tomorrow to discuss a couple of things.

I've attached two files, my latest attempt to summarize the all the BERA hazard quotients greater than one in a single table. The attached follows the format of Table 1 in the problem formulation for the BERA, giving assessment endpoints, measurement endpoints, lines of evidence within each measurement endpoint, chemicals for each endpoint with a hazard quotient greater than one, and the location(s) of the greatest risk in the harbor. CDM is still working to populate the location column, its incomplete. But I believe I've caught all of the hazard quotients for all lines of evidence, including some the LWG either didn't summarize at all (i.e. sediment PEC and PEL HQs), and a couple of minor inconsistencies in the document. This table does not summarize the sediment toxicity tests, Corbicula survival in its bioaccumulation test or the lamprey LC50s, which don't fit in the attached format, but are summarized elsewhere in the BERA. Nor does it include mean quotient results for the various sediment lines of evidence, which could go either in the attached or in a separate summary table.

Also attached is a map generated by Todd King of CDM for anthracene in sediment, showing a different approach of contouring the hazard from anthracene in sediment. My take is that it seems to do a better job than existing maps of identifying areas of unacceptable risks.

Both of the above are awaiting your comments and suggestions. Will also need to figure out if we want to send any recalculations back to the LWG, such as the missing sediment HQ and tissue HQ tables identified, or whether we want to do that ourselves.

Best regards,

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"If your experiment needs statistics to analyze the results, then you ought to have done a better experiment"

- Ernest Rutherford



PH_HQ Anthracene compareFilledIn.pdf New Summary Table 11-1.xlsx